Rural District of Southam.

ANNUAL REPORT

OF THE

HEALTH OF THE DISTRICT

FOR THE YEAR 1938,

BY

H. GIBBONS WARD, M.D., D.P.H.,

MEDICAL OFFICER OF HEALTH

OF THE

Warwickshire Combined Districts.

Leamington Spa:

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1939.

1, Milverton Hill,
Leamington Spa,
August, 1939.

To the Southam Rural District Council.

Mr. Chairman, Ladies and Gentlemen,

I beg to present the Report for the year 1938, relating to the sanitary conditions of the District and the health of its inhabitants.

My thanks are due to the members of the Council for their kindness and consideration, also to my colleagues for their ready help.

Much of the work in this Report has fallen to Mr. Welch, the Surveyor and Sanitary Inspector, and I would again wish to thank him for his willing assistance at all times.

I am, Ladies and Gentlemen,

Your obedient Servant,

H. GIBBONS WARD,
Medical Officer of Health.

PUBLIC HEALTH OFFICERS OF THE RURAL DISTRICT OF SOUTHAM.

Sanitary Inspector and Surveyor :
H. L. WELCH, A.R.San.I., M.I.M. and Cy.E.

Second Sanitary Inspector :
R. R. BARWICK, Cert. S.I.B.

Analysts :
Messrs. HILL & RIGBY.

Medical Officer of Health :
H. GIBBONS WARD, M.D., Ch.B., D.P.H.

Southam Rural District.

A. GENERAL STATISTICS.

Area (Acres)	62,527
Population (estimated) Mid-year, 1938	10,960
Population, Resident Census	11,190
Number of Inhabited Houses (1931)	3,024
Number of Inhabited Houses (end of 1938) according to Rate Book	3,385
Number of Families or Separate Occupiers (1931) ...	3,036
Rateable Value	£43,704
Sum represented by a penny rate	£169

2. Extracts from Vital Statistics of the Year.

		Total.	M.	F.	
Live Births	Legitimate	165	79	86	Birth Rate 16.0
	Illegitimate	11	6	5	
Still Births—Rate per 1,000 total births					33
Deaths		145	73	72	Death Rate 13.2
Adjusting Factor for Death Rate					.80
Adjusted Death Rate					10.6
Deaths from Diseases and Accidents of Pregnancy and Child-birth	From Sepsis ...				1
	,, other causes				2

Death Rate of Infants under 1 year of age :—

All Infants per 1,000 live births	85
Legitimate Infants per 1,000 legitimate live births	91
Illegitimate Infants per 1,000 illegitimate live births	—
Deaths from Measles (all ages)	—
,, ,, Whooping Cough (all ages)	—
,, ,, Diarrhoea (under 2 years of age) ...	2

Vital Statistics.

Vide Table II.

Population.—The Registrar-General gives 10,960 as the Resident Population in the middle of 1938 ; the figure for 1937 was 11,060.

The "natural increase," that is, the excess of births over deaths, was 31.

Birth-Rate.—There were 176 births during the year, 11 of which were illegitimate, giving a rate of 16.0 per 1,000. The figures for 1937 were 161 and 13.9 respectively.

Death-Rate.—There were 145 deaths, giving a death-rate of 13.2. This compares with 166 and 14.3 for 1937.

The Adjusted Death-Rate for comparison with that of England and Wales was 10.6 per 1,000.

The causes of death are detailed in Table IV., but amongst the more frequent causes were Cancer 24, Apoplexy 7, Heart Disease 35, Bronchitis 2, Pneumonia 9, Tuberculosis 6, Kidney Disease 6, and Congenital conditions 9.

The number of deaths from Cancer is above the average, as shown in the following table :—

1921	1922	1923	1924	1925	1926	1927	1928	1929
17	16	12	15	10	25	10	14	15
1930	1931	1932	1933	1934	1935	1936	1937	1938
13	20	24	28	22	17	21	28	24

The death-rate per 100,000 population was 220.

Of these 24 deaths, 11 were in males and 13 in females.

The number of deaths in the Combined District per 100,000 of population for the past 10 years is as follows :—

1929	1930	1931	1932	1933	1934	1935	1936	1937	1938
124	151	142	152	155	146	146	147	151	151

Infant Mortality.—There were 15 deaths under 12 months, giving a rate per 1,000 births of 85. In 1937 the figures were 6 and 37. Of these 15 deaths 9 were due to congenital conditions.

B. GENERAL PROVISION OF HEALTH SERVICES IN THE AREA.

1. *Public Health Officers.*—A list is given at the front of this Report.

2. *Nursing in the Home.*—None provided by the Authority.

6. *Laboratory Facilities.*—The following table shows the extent to which the County scheme has been utilised for free bacteriological examinations by Birmingham University :—

	Positive.	Negative.	Total.
Diphtheria ...	6 ...	21 ...	27
Enteric Fever...	— ...	— ...	—
Tuberculosis ...	2 ...	5 ...	7
			—
			34

7. *Legislation in Force.*—No change.

8. *Hospitals.*—There were no changes to report during the year.

C. SANITARY CIRCUMSTANCES OF THE DISTRICT.

1.—(*i*) *Water.*

Southam and Long Itchington.—There are now 472 connections to Southam and Long Itchington Water Supply, 282 and 190 respectively.

Harbury, Bishops Itchington, Napton, Ladbroke and Gaydon.—A Public Inquiry was held on 28th October, 1937 by the Ministry of Health's Inspector, when the Council's Consulting Engineers submitted a scheme for supplying water from Rugby. This scheme is being proceeded with, and the final complete details are being prepared by the Consulting Engineers, Messrs. J. D. and D. M. Watson.

Priors Marston.—A Public Inquiry was held on Dec. 22nd, 1938, by the Ministry of Health respecting the purchase of the undertaking of the Priors Marston Water Company, together with the improvement, etc., of the existing works.

(*ii*) *Drainage and Sewerage.*

There is nothing of special note to report.

2.—*Rivers and Streams.*—Where sewage entered rivers or streams it is filtered before being discharged into same. Sewage ditches are cleaned out regularly.

3.—(*i*) *Closet Accommodation.*—In Southam about half the houses are provided with water closets ; the remainder being Pails.

In all the other parishes Pail Closets are the general rule.

(*ii*) *Public Cleansing.*—In the parishes of Harbury, Long Itchington, Southam, Stockton and Fenny Compton nightsoil is collected weekly, ashes from bins fortnightly, and ashes from ashpits quarterly.

In the parishes of Bishops Itchington, Burton Dassett, Priors Hardwick, Napton, Avon Dassett, Ratley, Radway, Priors Marston, Lighthorne, Gaydon and Warmington, tins, bottles, etc., are removed quarterly.

(*iii*) *Sanitary Inspection of Area.*—The table appended to the Sanitary Inspector's Report gives a summary of inspections and his Report gives further details on this matter.

(*iv*) *Shops and Offices.*—Action taken during the year under the provisions of the Shops Act, 1934, relating to ventilation and temperature of shops and to Sanitary conveniences, and under the Public Health Act, 1936, respectively.

None.

(*v*) *Camping Sites.*

(1) The number of sites in the area which were used for camping purposes during 1938.

None.

(2) The number of camping sites in respect of which licences have been issued by the local authority under section 269 of the Public Health Act, 1936.

None.

(3) The estimated maximum number of campers resident in the area at one time during the summer season, 1938.

None.

(*vi*) *Smoke Abatement.*—Action taken during the year with a view to the abatements of nuisance from smoke in the area.

None.

(*vii*) *Swimming Baths and Pools.*

(*a*) Public Swimming Baths.

None.

(*b*) Privately owned Swimming Baths.

None.

(*c*) Action taken to secure satisfactory conditions of water.

None.

(*viii*) *Eradication of Bed Bugs.*

(*a*) Number of houses infested—Nil.

(1) Council houses—Nil.

(2) Other houses—Nil.

(*b*) No. of houses disinfested—Nil.

(*c*) Methods used for freeing infested houses—sprayed with "Bombay Liquid (British Insecticides, Ltd.)

(*d*) Methods used on transferring to Council houses.—None.

(*e*) Whether disinfestation by Local Authority or Contractor.—Local Authority.

SCHOOLS.—Elementary Schools have been inspected as occasion arose, and on the whole are fairly satisfactory as regards sanitation.

D. HOUSING.

1. INSPECTION OF DWELLING-HOUSES DURING THE YEAR.

(1) (*a*) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	239
(*b*) Number of inspections made for the purpose ...	803
(2) (*a*) Number of dwelling-houses (included under sub-head (1 above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 and 1932.	148
(*b*) Number of inspections made for the purpose ...	753
(3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	67
(4) Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation ...	87

2. REMEDY OF DEFECTS DURING THE YEAR WITHOUT SERVICE OF FORMAL NOTICES.

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers	37

3. ACTION UNDER STATUTORY POWERS DURING THE YEAR.

(a).—*Proceedings under sections* 9, 10 *and* 16 *of the Housing Act*, 1936.

(1) Number of dwelling-houses in respect of which notices were served requiring repairs	—
(2) Number of dwelling-houses which were rendered fit after service of formal notices :—	
(*a*) By owners	—
(*b*) By Local Authority in default of owners...	—

(b).—*Proceedings under Public Health Acts.*

(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied ... —

(2) Number of dwelling-houses in which defects were remedied after service of formal notices :—

(*a*) By owners ... ... —

(*b*) By Local Authority in default of owners —

(c).—*Proceedings under sections* 11 *and* 13 *of the Housing Act*, 1936.

(1) Number of dwelling-houses in respect of which Demolition Orders were made 3

(2) Number of dwelling-houses demolished in pursuance of Demolition Orders 3

(d).—*Proceedings under section* 12 *of the Housing Act*, 1936.

(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made ... —

(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit ... —

4. HOUSING ACT, 1936. PARTLY OVERCROWDING.

(*a*) (i) Number of dwellings overcrowded at the end of the year 21

(ii) Number of families dwelling therein 21

(iii) Number of persons dwelling therein 152

(*b*) Number of new cases of overcrowding reported during the year ... ... —

(*c*) (i) Number of cases of overcrowding relieved during the year 2

(ii) Number of persons concerned in such cases 11

(*d*) Particulars of any cases in which dwelling-houses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding ... —

(*e*) Any other particulars with respect to overcrowding conditions upon which the Medical Officer of Health may consider it desirable to report ... ... —

5. NUMBER OF HOUSES OWNED BY THE LOCAL AUTHORITY

Under Part III. Housing Act, 1925	159
Under Housing Act, 1890	12
,, Housing Act, 1919	22
,, Housing Act, 1930	13
	206

8 houses at Fenny Compton, 10 at Knightcote, 12 at Northend, and 8 at Ratley (Housing Act, 1936) are in course of erection.

Housing Conditions.

1. HOUSING ACT, 1936.

Official Representations during year :—

(*a*) Houses in Clearance Areas	... ...	57
(*b*) Houses (individual)	... ...	18
Total	... ...	75

Clearance Orders :—

Nos. 5 to 8.—11 houses at Stockton—Confirmed. A site has been obtained and tenders for new houses are being invited.

Nos. 9 to 12—12 houses at Burton Dassett—Confirmed. Houses are in course of erection for re-housing purposes.

No. 13.—2 houses at Ratley—Confirmed. Houses are in course of erection for re-housing purposes.

Nos. 14 to 18.—12 houses at Napton.—Confirmed. A site has been purchased for housing purposes.

Nos. 19 to 26.—45 houses at Southam—(At time of going to press—Ministry of Health Inquiry, 10th May, 1939).

Proceedings under Section 11.—In addition to the 3 Demolition Orders given in 3 (*c*) (1) of this Report, Undertakings were accepted in connection with 5 houses.

2.—*Sufficiency of the Supply of Houses.*—The following houses are in course of erection :—

Northend	12
Knightcote	10
Fenny Compton	8
Ratley	8

Sites have been acquired at Stockton, Napton, Priors Marston, and Long Itchington.

The Council are negotiating for a site at Southam.

3.—*Overcrowding.*—Two cases of overcrowding were abated during the year. There are 21 cases to be dealt with ; 4 of these cases are in Clearance Areas, the majority of the remaining cases are situated in the parishes of Southam and Long Itchington. In both these parishes the Council propose building in the near future.

4.—*Byelaws relating to Houses, etc.*—New Byelaws made under the Public Health Act, 1936, came into force on 1st December, 1938.

E. INSPECTION AND SUPERVISION OF FOOD.

(*a*) *Milk Supply.*—Milk samples are sent to Birmingham University. 5 samples were taken during the year, and advice given where necessary.

During the year many cowsheds have been improved.

Milk and Dairies.—The number on the Register is 290. Avon Dassett 6, Bishops Itchington 19, Burton Dassett 21, Chadshunt 5, Chapel Ascote 1, Chesterton 10, Farnborough 8, Fenny Compton 12, Gaydon 6, Harbury 17, Ladbroke 9, Lighthorne 11, Long Itchington 11, Shuckburgh 13, Napton 25, Priors Hardwick 9, Priors Marston 26, Radway 6, Ratley 9, Shotteswell 4, Southam 22, Stockton 18, Stoneton 1, Ufton 2, Warmington 10, Watergall 1, Wills Pastures 2, Wormleighton 6.

Milk (Special Designations) Orders, 1936 *and* 1938.—The County Council are the Licensing Authority.

Number licensed to produce	T.T. Milk ...	8
,, ,, ,,	Accredited Milk	41

During the year many cowsheds have been improved.

Of the 49 licensed producers, 34 have installed steam sterilisers.

The labour situation continues to be difficult, and milking machines are being installed in increasing numbers.

(*b*) *Meat.*—The inspection of meat at the time of slaughter in a Rural District cannot help but be a matter of considerable difficulty ; the wide separation of the premises, with consequent long distances, makes it a matter of physical impossibility to see all carcases.

Condemned meat is, according to conditions, buried or taken to the kennels.

No further notices of regular slaughter have been received during the year. 119 notices of Occasional slaughter have been received, the larger proportion being cottagers' pigs.

Carcases inspected and condemned.

	Cattle excluding Cows.	Cows.	Calves.	Sheep and Lambs.	Pigs.
Number killed (if known) approx.	648	24	60	4,656	1,128
Number inspected ...	250	6	18	150	90
Tuberculosis only :					
Whole carcases condemned	—	—	—	—	1
Carcases of which some part or organ was condemned ...	—	—	—	—	—
Percentage of the number inspected affected with tuberculosis	—	—	—	—	—

Slaughterhouses in use.

	1920.	Jan., 1938.	Dec., 1938.
Registered ...	—	—	—
Licensed ...	14	22	20

F. PREVALENCE OF, AND CONTROL OVER, INFECTIOUS DISEASE.

Incidence of Commoner Infectious Diseases since 1932.

	Smallpox.	Diphtheria.	Scarlet Fever.	Enteric Fever	Pneumonia.	Encephalitis Lethargica.	Puerperal Pyrexia.
1932 ...	—	5	24	—	24	—	—
1933 ...	—	1	70	—	21	—	1
1934 ...	—	23	85	—	15	—	—
1935 ...	—	17	9	1	23	—	—
1936 ...	—	44	13	—	17	1	—
1937 ...	—	30	23	—	11	—	2
1938 ...	—	7	12	—	19	—	3

Reference to Table III. will give the age distribution of the cases notified during 1938.

Cases of Infectious Disease are removed by arrangement with the Warwick Joint Hospital Board to their Hospitals.

Smallpox.—No cases were notified.

Diphtheria.—There were 7 cases notified: Southam 6 and Priors Marston 1.

5 cases were removed to Hospital.

There were no deaths.

As far as I am aware, the SCHICK TEST has not been used in the District.

The Council provides a free supply of Diphtheria Antitoxin for use in the case of poor patients, which is obtainable from the Chemist at Southam.

Scarlet Fever.—12 cases were notified; there were 3 cases at Farnborough, all in one house, 3 at Harbury, and 3 at Long Itchington.

There were no deaths.

9 cases were removed to Hospital.

I have no record of the DICK TEST having been used, or of any method of artificial immunisation.

Enteric Fever.—No cases were notified.

Pneumonia.—19 cases were notified in 1938, with 6 deaths.

Ophthalmia Neonatorum.—3 cases were notified.

Encephalitis Lethargica.—No case was notified.

Non-notifiable Infectious Disease.—The following is a list of elementary schools closed in the District during the year on account of infectious disease, and indicates fairly accurately the distribution of these Diseases :—

Priors Hardwick, 21st to 28th Feb. Influenza.
Radway, 23rd Feb. to 7th Mar. Influenza.
Wormleighton, 25th Mar. to 4th April. Influenza.
Southam Council Infants, 11th April to Easter Holidays. Mumps.
Southam Boys, 11th April to Easter Holidays. Mumps.
Southam C.E. Infants, 25th April to 2nd May. Mumps.

There were 7 deaths from Influenza in the District, none from Measles and none from Whooping Cough.

Notifications of all infectious disease occurring amongst school children are duly forwarded to me from the schools.

Prevalence of, and Control over, Tuberculosis.

Age—Periods	New Cases. Pulmonary. M.	New Cases. Pulmonary. F.	New Cases. Non-Pulmonary. M.	New Cases. Non-Pulmonary. F.	Deaths. Pulmonary. M.	Deaths. Pulmonary. F.	Deaths. Non-Pulmonary. M.	Deaths. Non-Pulmonary. F.
0	—	—	—	—	—	—	—	—
1	—	—	1	1	—	—	—	—
5	2	1	1	2	—	—	—	—
15	1	1	1	2	—	—	—	—
25	—	3	—	3	—	—	—	—
35	—	—	—	—	—	—	—	—
45	—	—	—	—	—	—	—	—
55	—	—	—	—	—	—	—	—
65 and upwards	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—
Totals	3	5	3	8	—	—	—	—
	—	—	—	—	—	—	—	—

19 new cases of tuberculosis were notified during the year, 8 being of pulmonary tuberculosis and 11 of other forms.

7 deaths were due to pulmonary tuberculosis, none due to non-pulmonary.

The following shews in tabular form the cases notified and deaths occurring since 1922 :—

	1923	1924	1925	1926	1927	1928	1929	1930
Cases	21	15	15	17	21	13	7	19
Deaths	6	9	10	10	9	5	10	8
	1931	1932	1933	1934	1935	1936	1937	1938
Cases	18	11	17	19	16	14	15	19
Deaths	5	6	8	5	7	3	4	7

5 patients were admitted to Sanatorium during 1938 ; 5 were discharged.

Lists of all cases of Tuberculosis notified have been forwarded weekly to the County Medical Officer.

Disinfectants and sputum bottles are supplied free through the Sanitary Inspector for cases where they are desirable. After deaths from Tuberculosis and after removal of such patients, disinfection is carried out by the Inspector, and necessary cleansing and whitewashing is arranged.

4. Causes of Sickness.

There is nothing special to note here.

REPORT OF SANITARY INSPECTOR.

To the Southam Rural District Council.

Mr. Chairman, Ladies and Gentlemen,

I beg to submit my Annual Report of the work done in the Sanitary Department during the year ended 31st December, 1938. Owing to duties in connection with Air Raid Precautions much of the routine work has been impossible.

Nuisances, etc., have been remedied as shewn in Table I.

INFECTIOUS DISEASES (NOTIFICATION) ACT, 1889.

Under the above Act 40 cases were notified during the year. Particulars are given in the Report of the Medical Officer of Health.

Where patients were treated at home, the usual instructions were given, and disinfectants supplied.

11 infectious cases were conveyed to Isolation Hospital.

MEAT REGULATIONS.

No additional " Regular " Notices of slaughter, but 119 " Occasional " Notices to slaughter have been received, a large number of the latter being cottagers' pigs.

The Slaughterhouses have been visited and carcases inspected, In 1 case carcase and offal have been condemned and surrendered, being unfit for human consumption.

SLAUGHTERHOUSES AND BUTCHERS' SHOPS.

There are 20 Slaughterhouses in the District.

The slaughterhouses are in a fairly good state of repair and kept in a satisfactory state of cleanliness.

FACTORIES AND WORKSHOPS.

FACTORIES ACT, 1937.

The number of Factories (with power) is 22 ; without power is 20. These have been periodically inspected. One certificate of adequate means of escape in case of fire was issued.

DAIRIES, COWSHEDS, AND MILKSHOPS.

The number on the Register is now 290. A complete list, divided amongst the various Parishes, is given in the Report of the Medical Officer of Health.

CANAL BOATS.

Six boats have been inspected. Several visits were paid to the Canal. No infringement of the Canal Boats Act being discovered.

WATER SUPPLY.

35 samples have been submitted for analysis during the year. These were in the Parishes of :—Napton 5, Priors Marston 3, Lighthorne 1, Stockton 6, Burton Dassett 3, Bishops Itchington 1, Fenny Compton 1, Gaydon 3, Harbury 3, Long Itchington 1, Priors Hardwick 1, Radway 2, Ratley 2, Southam 2, Shuckburgh 1.

Water Certificates under the Public Health Act were granted in respect of 6 houses in the Parishes of :—Napton 2, Warmington 1, Harbury 1, Northend 1, Shuckburgh 1.

PUBLIC SCAVENGING.

HARBURY.—The returns for scavenging of the village during the year are :—Nightsoil, 156 ; ashes, 130 ; house refuse, 114 loads.

LONG ITCHINGTON.—Nightsoil, 208 ; ashes, 300 ; house refuse 46 loads.

SOUTHAM.—Nightsoil, 208 ; ashes, 743 ; house refuse, 52 loads.

STOCKTON.—Nightsoil, 156 ; ashes, 565 ; house refuse, 37 loads.

FENNY COMPTON.—Nightsoil, 78 ; ashes, 20 ; house refuse, 12 (motor lorry) loads.

House refuse, tins, etc., has also been collected at Bishops Itchington, Napton, Burton Dassett, Priors Hardwick, Ratley, Avon Dassett, Radway, Gaydon, Lighthorne, Priors Marston, Shotteswell, and Warmington.

Buckets are emptied twice weekly in Southam and Long Itchington where necessary.

PUBLIC DRAINAGE.

HARBURY.—The sewers in village have been repaired. Ditches and Tanks have also been cleaned.

SOUTHAM.—Sewer has been cleaned and repaired, also the Tanks cleaned.

The sewage tanks at Bishops Itchington, Harbury, Northend Southam, and Ufton have been cleaned out.

LONG ITCHINGTON.—Sewer cleaned and repaired, also ditches cleaned and tank cleaned out.

NAPTON.—Sewer ditches and tanks cleaned.

WARMINGTON.—Sewer ditch cleaned.

FARNBOROUGH, RADWAY and AVON DASSETT.—Sewer ditches and tanks cleaned.

BUILDING BYE-LAWS.

Plans were submitted for :—

AVON DASSETT ...	2 Houses.
BISHOPS ITCHINGTON	1 Cowshed.
BURTON DASSETT	1 Garage and Store, 1 Addition to House, 22 Council Houses.
CHAPEL ASCOTE	1 Garage.
FARNBOROUGH ...	1 Telephone Exchange.
FENNY COMPTON	1 House and Store, 8 Council Houses.
GAYDON	1 Alteration to Out-houses.
HARBURY ...	Conversion of 4 Cottages into 2, 1 House and Garage, 1 Blacksmith's Shop,
LADBROKE ...	1 Garage, 1 Cowshed.
LIGHTHORNE ...	Additions to Garage, Alterations to Cottage (under Housing Rural Workers Acts).

LONG ITCHINGTON ;	1 Bungalow, 1 House, 1 Garage, 1 Outbuildings and Drains.
SHUCKBURGH ...	1 House, 1 Store.
NAPTON	1 House, 1 Extension to Garage, Conversion of Dairy into Garage, Conversion of 3 Cottages into 1 Bungalow.
PRIORS MARSTON	1 Garage and 2 Petrol Pumps.
RATLEY	8 Council Houses, New Drainage.
SOUTHAM ...	3 Garages, Site for Cinema, Conversion of 4 Cottages into 2.
STOCKTON ...	1 House.
WARMINGTON ...	1 House.

LEGAL PROCEEDINGS.

One prosecution under the Building Bye-laws in respect of Conversion of a Building into a Dwelling House, without submitting plans to Council.

COMMON LODGING HOUSE, SOUTHAM.

No. of Lodgers :—

Males	1,039
Females	449
Males over 8 and under 21 years of age ...	508
Females ditto ditto ...	270
Males 8 years of age and under	256
Females ditto ditto	509
Total	3,031

I am, Ladies and Gentlemen,

Your obedient Servant,

H. L. WELCH,

A.R. San. I., M.I.M. and C.E.

Table I.

RURAL DISTRICT OF SOUTHAM.

Summary of Sanitary Work done in the Sanitary Inspector's Department during the year 1938.

	Inspections and Observations made.	Notices served. Statutory.	Notices served. Informal	Nuisances Abated after Notices.
Dwelling Houses and Schools ...	1003	—	29	29
Lodging Houses	20	—	1	1
Dairies, Milkshops and ... ... Cow Sheds	309	—	12	12
Bakehouses	27	—	1	1
Slaughter Houses	550	—	2	2
Canal Boats	10	—	—	—
Ashpits and Privies	198	—	12	12
Deposits of Refuse and Manure ...	61	—	2	2
Water-closets	75	—	3	3
House Drainage	290	—	6	6
Water Supply	250	—	—	—
Pigsties	7	—	1	1
Animals improperly kept ...	7	—	2	2
Offensive Trades	—	—	—	—
Smoke Nuisances	—	—	—	—
Factories and Workshops ...	50	—	—	—
Other Nuisances	10	—	1	1
Totals	2867	—	72	72

Precautions against Infectious Disease.

Lots of Infected Bedding Disinfected or Destroyed	2
Houses Disinfected after Infectious Disease	33
Schools ditto ditto ditto	—

H. L. WELCH, Sanitary Inspector.

Table II.

SOUTHAM RURAL DISTRICT.

Vital Statistics of Whole District during 1938 and Previous Years.

Year.	Population estimated to Middle of each Year.	Births. Nett. Number.	Births. Nett. Rate.	Nett Deaths belonging to the District. Under 1 Year of age. Number.	Nett Deaths belonging to the District. Under 1 Year of age. Rate per 1,000 Nett Births.	Nett Deaths belonging to the District. At all Ages. Number.	Nett Deaths belonging to the District. At all Ages. Rate.
1	2	3	4	5	6	7	8
1932	11,410	186	16.3	8	43	154	13.5
1933	11,300	150	13.2	7	47	188	16.2
1934	11,190	172	15.4	10	58	138	12.3
1935	11,130	159	14.3	8	50	155	13.9
1936	11,090	173	16.6	7	40	159	14.3
1937	11,060	161	13.9	6	37	166	14.3
1938	10,960	176	16.0	15	85	145	13.2

VITAL STATISTICS IN ENGLAND AND WALES, 1938.

England and Wales.

Birth-rate, Death-rate, and Infantile Mortality during the Year 1938 (*Provisional Figures*).

Annual Rate per 1,000 Population.

	Live Births.	Still Births.	Deaths.	Deaths under one year to 1,000 Births.
England and Wales	15.1	0.60	11.6	53
126 Great Towns, including London	15.0	0.65	11.7	57
148 Smaller Towns	15.4	0.60	11.0	51
London	13.4	0.48	11.4	57

Table III.—SOUTHAM RURAL DISTRICT.

Cases of Infectious Disease notified during the Year 1938.

Notifiable Disease.	Number of Cases notified.								Total cases removed to Hospital	Total Deaths.
	At all Ages.	At Ages—Years.								
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 45.	45 to 65.	65 and upwards.		
Small-pox	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Plague	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Diphtheria (including Membranous Croup)	7	.....	1	4	1	.....	1	.....	5	.....
Erysipelas	1	.....	.....	.....	.....	.....	.....	1	.....	.....
Scarlet Fever	12	1	2	4	3	1	1	.....	9	.....
Pyphus Fever	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Enteric Fever	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pneumonia	19	.....	4	.....	6	2	2	5	.....	9
Malaria	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Dysentery	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Puerperal Pyrexia	3	.....	.....	.....	1	2	.....	.....	.....	.....
Cerebro-spinal Meningitis ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Poliomyelitis	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Encephalitis Lethargica ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Ophthalmia Neonatorum ...	3	3	.....	.....	.....	.....	.....	.....	.....	.....
Polio-Encephalitis	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pulmonary Tuberculosis ...	8	.....	3	2	3	.....	.....	.....	.....	6
Other forms of Tuberculosis ...	11	2	3	3	3	.....	.....	.....	.....	.....
Totals	65	7	13	13	17	5	4	6	14	15

Table IV.

SOUTHAM RURAL DISTRICT.

Causes of Death during the Year 1938.

CAUSES OF DEATH.	MALES.	FEMALES.
All Causes	73	72
1 Typhoid and Paratyphoid Fevers ...	...	...
2 Measles	...	...
3 Scarlet Fever	...	...
4 Whooping Cough	...	...
5 Diphtheria	...	...
6 Influenza	5	2
7 Encephalitis Lethargica	...	...
8 Cerebro-Spinal Fever	...	...
9 Tuberculosis of Respiratory System ...	1	5
10 Other Tuberculous Diseases	...	...
11 Syphilis	...	...
12 General Paralysis of the Insane, Tabes Dorsalis	...	...
13 Cancer, Malignant Disease	11	13
14 Diabetes	1	2
15 Cerebral Haemorrhage, etc.	3	4
16 Heart Disease	19	16
17 Aneurysm	1	...
18 Other Circulatory Diseases	2	4
19 Bronchitis	1	1
20 Pneumonia (all forms)	3	6
21 Other Respiratory Diseases	1	...
22 Peptic Ulcer	1	...
23 Diarrhoea, etc. (under 2 years)	2	...
24 Appendicitis	...	...
25 Cirrhosis of Liver	...	...
26 Other Diseases of Liver, etc.	...	1
27 Other Digestive Diseases	2	2
28 Acute and Chronic Nephritis	3	3
29 Puerperal Sepsis	...	1
30 Other Puerperal Causes	...	2
31 Congenital Debility, Premature Birth, Malformation, etc.	5	4
32 Senility	1	1
33 Suicide	...	1
34 Other Violence	3	1
35 Other Defined Diseases	8	3
36 Causes, ill-defined or unknown	...	...